

**CLAIMS**

1. Method of discovery, by a terminal (60) connected to an IP type network, of DVB services on the IP type network, characterized in that it  
5 comprises at least the following steps :
- the terminal uses a first IP transmission address and a first port number to receive (70) a transport stream transmitted to this IP address on this port ;
  - the terminal extracts (71) from the said stream at least the  
10 networks information table (NIT) ;
  - the descriptors of networks contained in the said networks information table (NIT) designating IP transmission addresses and the associated ports, the terminal connects (72) to at least part of the transport streams transmitted to the said IP addresses on the  
15 said ports so as to read the associated service description table (SDT) ;
  - the terminal uses this information to construct (73) a possibly unitary list of the services available on the network.
- 20 2. Method according to Claim 1 where the first IP transmission address and the first port number are entered by the user.
3. Method according to Claim 1 where the first IP address and the first port number are obtained from the network by the terminal.
- 25 4. Method according to one of Claims 1 to 3 where the streams contain only a single DVB service.
5. Method according to one of Claims 1 to 4 where the list of services  
30 is included in the NIT contained in the stream available at the first IP transmission address on the first port.

6. Device possessing means to connect to an IP transmission address via means of connection to an IP network and means of decoding of DVB streams transmitted to this IP transmission address, characterized in that the means of decoding of DVB streams have the capacity to analyse an NIT, extracted from the stream, containing network descriptors suitable for the IP network and to connect to each IP transmission address described in the said NIT so as to read therefrom a DVB stream and extract therefrom the information on the services offered on the network preferably according to any one of the methods according to the previous claims.

10

7. Descriptor of a service for transmitting a DVB stream intended to be included in an NIT characterized in that it contains the IP transmission address of a stream server and a port number on which the said server transmits a DVB stream over an IP type network.